

Title (en)
DEVICE FOR FORMING SOLDER CONNECTIONS

Publication
EP 0159945 B1 19910102 (EN)

Application
EP 85400730 A 19850411

Priority
GB 8409701 A 19840413

Abstract (en)
[origin: EP0159945A2] This invention relates to heat-shrinkable devices for forming solder connections between electrical conductors. The devices each comprise of a hollow, heat-shrinkable sleeve having first and second ends, and contain a quantity of solder. Both ends contain heat-softenable sealing material which seal the ends upon recovery of the article, the sealing material at the second end being less responsive to heat than the sealing material at the first end. The conductors to be connected are inserted into the first end of the sleeve and the sleeve recovered. Because the sealing material at the second end does not seal the second end until after the sealing material at the first end has recovered about the inserted conductors at the first end, any hot gases evolved within the article can exit the article via the second end. The invention enables a reliable connection to be made between electrical conductors that are provided with heat-sensitive insulation.

IPC 1-7
H01R 4/02; **H01R 4/72**

IPC 8 full level
H01R 4/02 (2006.01); **B23K 1/00** (2006.01); **B23K 3/00** (2006.01); **H01R 4/72** (2006.01); **H01R 4/22** (2006.01)

CPC (source: EP US)
H01R 4/723 (2013.01 - EP US); **H01R 4/02** (2013.01 - EP US); **H01R 4/22** (2013.01 - EP US); **Y10S 174/08** (2013.01 - EP US); **Y10T 29/49201** (2015.01 - EP US)

Cited by
US5579575A; EP0270283A3; US10483661B2; US11239639B2; WO2019202422A1; WO9200617A1; US11257612B2; US11670437B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0159945 A2 19851030; **EP 0159945 A3 19880518**; **EP 0159945 B1 19910102**; AT E59737 T1 19910115; CA 1209663 A 19860812; DE 3580997 D1 19910207; JP H0644494 B2 19940608; JP S60231568 A 19851118; US 4654473 A 19870331

DOCDB simple family (application)
EP 85400730 A 19850411; AT 85400730 T 19850411; CA 478961 A 19850412; DE 3580997 T 19850411; JP 7916185 A 19850413; US 72249585 A 19850412